

(12) **United States Patent**
Anderson

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(54) **SYSTEM AND METHOD FOR PREVENTING
DAMAGE TO MEDIA FILES WITHIN A
DIGITAL CAMERA DEVICE**

(75) Inventor: **Eric C. Anderson, San Jose, CA (US)**

(73) Assignee: **Apple Computer, Inc., Cupertino, CA
(US)**

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

This patent is subject to a terminal dis-
claimer.

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(51) Int. Cl.⁷ **H02H 3/05; H03K 19/003**

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713/340**

(58) Field of Search **714/22, 14, 24,
714/5, 8, 10; 348/187, 175; 713/300**

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Primary Examiner—Dieu-Minh Le

(74) *Attorney, Agent, or Firm*—Carr & Ferrell LLP

(57) **ABSTRACT**

A system and method for preventing damage to media files within a digital camera comprise a power manager for detecting power failures, an interrupt handler for responsively incrementing a counter device and a removable memory driver for performing memory access operations, evaluating the counter device to determine whether a power failure has occurred during the memory access operation and for repeating the memory access operation whenever a power failure has occurred during the memory access operation.

20 Claims, 9 Drawing Sheets

